

Digital Wellness Assignment 5

PART 1 MICRO OPTIMISM

Question 1

20 pts

Fill in the blanks with the correct numbers - [see decimal reporting guidance](#). When entering the Confidence Intervals, enter the lower limit first, followed by the upper limit. When calculating the size of the interval (upper - lower), do not round any numbers until the very end, and then report your answer to 2 decimal places!

	religious + practice frequently	religious + practice sometimes	religious + do not practice	not religious
mean	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
SEM	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
99% CI	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
lower limit (top box)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
upper limit (bottom box)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Interval size	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Question 2

1 pts

Using the results of MICRO OPTIMISM above, which of the four groups has the least sampling error?

- religious + practice frequently
- religious + practice sometimes
- religious + do not practice
- not religious

Question 3

1 pts

Using the results of MICRO OPTIMISM above, which of the four groups has the most sampling error?

- religious + practice frequently
- religious + practice infrequently
- religious + do not practice
- not religious

Question 4

1 pts

Complete the sentence: As SEM increases, the size of the interval _____

- does not change
- changes unpredictably
- increases
- decreases

Question 5

3 pts

Using the results of MICRO OPTIMISM, identify which groups have overlapping CIs and which groups do not have overlapping CIs

Groups being compared	Answer YES (they overlap) or NO (they do not)
religious+pract-freq vs religious+pract-sometimes	<input type="text"/>
religious+pract-freq vs religious+do-not-pract	<input type="text"/>
religious+pract-freq vs not religious	<input type="text"/>
religious+pract-sometimes vs religious+do-not-pract	<input type="text"/>
religious+pract-sometimes vs not religious	<input type="text"/>
religious+do-not-pract vs not religious	<input type="text"/>

Question 6

3 pts

Which groups, if any, are probably different for reasons in addition to sampling error? Select all that apply.

- religious + practice frequently AND religious + practice sometimes
- religious + practice frequently AND religious + do not practice
- religious + practice frequently AND not religious
- religious + practice sometimes AND religious + do not practice
- religious + practice sometimes AND not religious
- religious + practice sometimes AND not religious

PART 1 MACRO OPTIMISM

Question 7

20 pts

Fill in the blanks with the correct numbers - [see decimal reporting guidance](#). When entering the Confidence Intervals, enter the lower limit first, followed by the upper limit. When calculating the size of the interval (upper - lower), do not round any numbers until the very end, and then report your answer to 2 decimal places!

	religious + practice frequently	religious + practice sometimes	religious + do not practice	not religious
mean	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
SEM	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
99% CI	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
lower limit (top box)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
upper limit (bottom box)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Interval size	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

PART 2 MICRO OPTIMISM vs MACRO OPTIMISM

Question 8

4 pts

Are people more optimistic for the MICRO environment OR their MACRO environment?

Fill in the blanks with the correct numbers - [see decimal reporting guidance](#). When entering the Confidence Intervals, enter the lower limit first, followed by the upper limit. When calculating the size of the interval (upper - lower), do not round any numbers until the very end, and then report your answer to 2 decimal places!

mean diff between the groups	SEM	95% confidence interval	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Question 9

1 pts

What is the *most likely* reason why these two means are different?

- sampling error
- sampling error + something else

Question 10

1 pts

For the question above: what did you base your answer on and be specific. Hint: it has to do with "0"

Edit View Insert Format Tools Table

12pt Paragraph | **B** *I* U **A** | T^2 | | |

Empty text area for the answer.

p

| 0 words |

Copy and paste ALL relevant SPSS output for this assignment into a word document. Hi-light those numbers you used in the tables above. Do not hi-light anything else. Upload this as a doc, docx, or pdf to the assignment called [Digital Wellness Assignment 5: Bonus Points](#). Do this correctly and earn 5 bonus points that you can redeem at the end of the semester for "rewards".